

IN THE CLAIMS:

Please cancel Claims 4 to 6, and 12 to 14 without prejudice or disclaimer of subject matter, and amend the Claims as follows:

1. (Currently amended) An image processing apparatus comprising:

a corrector, arranged to apply, to image data stored in a band memory or a block memory assigned to a memory area, a first correction according to a feature amount of the entire image data, and a second correction which is different from the first correction, wherein the image data is decompressed from JPEG-compressed image data;

a processor, arranged to apply an image process required to print on a print medium to the image data output from said corrector; and

a recorder, arranged to print an image on the print medium based on the image data output from said processor,

wherein said corrector acquires the feature amount using a histogram acquired from data of a representative value group of the image data stored in the memory area, and then releases the memory area storing the representative value group to reassign the released memory area to the band memory or the block memory; a DC component of a minimum coded unit before execution of the first correction and before execution of the second correction is completed for the entire image data, and

wherein the minimum coded unit includes the DC component and AC components which are obtained between the decompression of the JPEG-compressed image data.

2. to 6. (Canceled)

7. (Currently amended) The apparatus according to claim 1, wherein the feature amount includes ~~at least one of histograms associated with some colors~~; information associated with some colors that represents a highlight part, information associated with some colors that represents a shadow part, and information associated with hue and saturation in the entire image data or partial data stored in the memory area.

8. (Currently amended) An image processing method comprising the steps of:  
applying, to image data stored in a band memory or a block memory assigned to a [[the]] memory area, a first correction according to a feature amount of the entire image data, and a second correction which is different from the first correction, wherein the image data is decompressed from JPEG-compressed image data;

applying an image process required to print on a print medium to the corrected image data;

printing an image on the print medium based on the image data subjected to the image process; and

acquiring the feature amount using a histogram acquired from ~~data of a~~ representative value group of the image data stored in the memory area, and then releasing the memory area storing the representative value group to reassign the released memory area to the band memory or the block memory; a DC component of a minimum coded unit before execution of the first correction and before execution of the second correction is completed for the entire image data,

wherein the minimum coded unit includes the DC component and AC components which are obtained between the decompression of the JPEG-compressed image data.

9. (Canceled)

10. (Currently amended) A computer-readable storage medium storing a computer-executable program causing a computer to perform an image processing method, the method comprising the steps of:

applying, to image data stored in a band memory or a block memory assigned to a memory area, a first correction according to a feature amount of the entire image data, and a second correction which is different from the first correction, wherein the image data is decompressed from JPEG-compressed image data;

applying an image process required to print on a print medium to the corrected image data;

printing an image on the print medium based on the image data subjected to the image process; and

acquiring the feature amount using a histogram acquired from ~~data of a representative value group of the image data stored in the memory area, and then releasing the memory area storing the representative value group to reassign the released memory area to the band memory or the block memory; a DC component of a minimum coded unit~~ before execution of the first correction and before execution of the second correction is completed for the entire image data, and

wherein the minimum coded unit includes the DC component and AC components which are obtained between the decompression of the JPEG-compressed image data.

11. (Currently amended) A printer comprising:

an interface, arranged to input at least partial image data of a selected image not from a computer but from a memory card, and to decompress the input image data which is JPEG-compressed image data; and

a processor, arranged to perform a first process for performing correction, which is based on the amount of characteristic of the selected image expressed by the ~~input~~ decompressed image data, on the selected image, and a second process for performing predetermined processing on the selected image, the first and second processes being applied to image data in a band unit or a block unit of the selected image using a band memory or a block memory assigned to a memory area,

wherein the amount of the characteristic is ~~extracted~~ acquired using a histogram acquired from ~~a representative value group of the input image data stored in the memory area,~~ and then the memory area storing the representative value group is released to reassign the released memory area to the band memory or the block memory; a DC component of a minimum coded unit before the first and second processes are performed on ~~the image~~ the data in the band unit or the block unit of the selected image using a band memory or a block memory, and wherein the minimum coded unit includes the DC component and AC components which are obtained between the decompression of the JPEG-compressed image data.

12. to 14. (Canceled)

15. (Original) The printer according to claim 11, further comprising an operation panel which receives the selection of image stored in the memory card and a selection of image process to be applied to the selected image.

16. (Currently amended) An inkjet printer comprising:  
an interface, arranged to input at least partial image data of a selected image not from a computer but from a memory card, and to decompress the input image data which is JPEG-compressed image data;

a processor, arranged to perform a first process for performing correction, which is based on the amount of characteristic of the selected image expressed by the input decompressed image data, on the selected image, and a second process for performing predetermined processing on the selected image, wherein the first and second processes are applied to image data in a band unit or a block unit of the selected image using a band memory or a block memory assigned to a memory area; and

a print head for inkjet printing, arranged to discharge ink from a nozzle in accordance with image data output from said processor,

wherein the amount of the characteristic is extracted-acquired using a histogram acquired from a representative value group of the input image data stored in the memory area; and then the memory area storing the representative value group is released to reassign the released memory area to the band memory or the block memory, a DC component of a minimum coded unit before the first and second processes are performed on the image data in the band unit or the block unit, and

wherein the minimum coded unit includes the DC component and AC components which are obtained between the decompression of the JPEG-compressed image data.